INFORMATION DISCLOSURE STATEMENT BY APPLICANT						ATTY. DOCKET NO. SERIAL N 10/539							
						APPLICANT Eric PINET, et al.							
(Substitute for form 1449/PTO)						FILING DATE GROUP 1797							
			U	J.S. PATE	NT	DOCUMENTS							
EXAMINER'S CITE Document Number Publication Date NITIALS NO. Number-Kind Code _{2 (if known)} MM-DD-YYYY					Name of Patentee or Applicant of Cited Pages, Columns, Relevant Passage Figures Ar			es or Relev					
		US	2,106,744	Feb. 1, 1938	3	Hood, et al.							
	· · · · ·	us	2,221,709	Nov. 12, 1946	0	Hood et al.							
		US	2,286,275	June 16, 194	2	Hood, et al.							
· ·		US	4,146,887	Mar 27, 1979	9	Hagnante				·-···			
		US	4,154,586	May 15, 1979	9	Jones, et al.							
	<u> </u>	υs	4,155,358	May 22, 1979	9	McAllister, et al.							
		US 4,326,514 Apr 4, 1982				Eian							
		US 4,530,706 July 23,			5	Jones							
		US 4,597,942 July 1, 198				Meathrel			**				
		US 4,631,952 Dec 30, 1986				Donaghey							
		US 4,684,380 Aug 4, 1987				Leichnitz							
		US 4,699,511 Oct 13, 1987				Seaver							
		US 4,732,480 Mar 22, 1988				Fortunato, et al.				* *			
		US 4,834,496 May 30, 1989				Blyler, Jr., et al	l.						
		US	4,846,548	July 11, 1989	9	Klainer							
		US	4,847,594	July 11, 1989	9	Stetter							
		US	4,940,328	July 10, 1990	,	Hartman							
		US	4,998,017	Mar 5, 1991		Ryan, et al.	Ryan, et al.						
		US	RE35355	Oct 22, 1996	,	Ryan, et al.							
		US	5,015,843	May 14, 1991	1	Seitz, et al.							
	•	US	5,206,118	Apr 27 1993		Sidney, et al.							
		us	5,238,729	Aug 24 1993		Debe				*			
		US	5,250,095	Oct 5, 1993		Sigel, Jr., et al.							
		US	5,308,771	May 3, 1994		Zhou, et al.							
				FOREIGN PA	ATEN	NT DOCUMENTS							
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number 4 -Kind Codes (if known) Publication Date MM-DD-YYYY				Name of Patentee or Applicant of Cited Document Pages, Columns, Lines Where Relevant Figures Appear Yes				anslation N o			
					<u> </u>								
		<u> </u>											
					-	Title, Date, Pertinent Pages, Et	•						
EXAMINER'S INITIALS	CITE NO.		al, serial, symposium, cata			litle of the article (when approps), volume-issue number(s), po				e,			
EXAMINER							DATE CO	NSIDERED					

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

			N DISCLOS BY APPLIC	ATTY. DOCKET NO. 044117-0143		serial no. 10/539,771					
				APPLICANT Eric PINET, et al.							
	(Sub:	stitute	for form 1449/PTO)		FILING DATE January 10, 200		ROUP 797				
			U	S. PATEN	T DOCUMENTS						
EXAMINER'S CITE Document Number Publication Date NITIALS NO. Number-Kind Code2 (if known) MM-DD-YYYY						Document Relevant			, Columns, Lines, Where int Passages or Relevant Figures Appear		
		us	5,338,415		Aug 16, 1994	Aug 16, 1994			Sailor, et al.		
		US	5,436,167		Jul 25, 1995	•		Robilla	ard		
		US	5,453,624		Sept 26, 1995			Sailor, e	t al.		
		US	5,512,882	·	Apr 30, 1996			Stetter, et al.			
		US 5,525,800			Jun 11, 1996	Jun 11, 1996		Sanghera, et al.			
		US 5,659,296			Aug 19, 1997			Debe, et al.			
		US 5,783,836				Jul 21, 1998		Liu, et al.			
		US 5,828,798				Oct 27, 1998		Hopenfeld		·	
		US	6,007,904		Dec 28, 1999	<u> </u>	Schwotzer, et al.				
		US 6,031,454			Feb 29, 2000			Lovejoy et al.			
		US 6,130,748			Oct 10, 2000			Kruger, et al. Ghadiri, et al			
		US	6,248,539		Jun 19, 2001		ļ				
		US 6,278,106			Aug 21, 2001		ļ	Muto, e			
		US	6,375,725		Apr 23, 2002			Bernard,			
		US	6,432,721		Aug 13, 2002		Zook, et al. Megerle				
		03	6,610,977	FOREIGN DA	Aug 26 2003 ATENT DOCUMENTS			weger	ie .		
EXAMINER'S	l	For	eign Patent Document	Publication Date		Pages, Colum	ne Linee	Tr	anslati	on	
INITIALS	CITE NO.		htry Codes -Number 4 -Kind Codes (if known)	MM-DD-YYYY	Applicant of Cited Document	Where Re Figures A	levant	Yes	ansiau	No	
			EP 0536656	May 3, 2000	G. Schwotzer, et al.						
:			WO 0222237	Mar 21, 2002	Curado, et al.						
				, •	or, Title, Date, Pertinent Pages, E	•					
EXAMINER'S INITIALS	CITE NO.		il, serial, symposium, cata), title of the article (when appropriate), title of the item (book, magazine, le(s), volume-issue number(s), publisher, city and/or country where							
			GELB, L.D. et al, "F	hase Separation i	n Confined Systems", Rep. Prog.	Phys. 62, 1999,	pp. 1573-	1660			
	GROSS, E. et al "Highly Sensitive Recognition Element Based on Birefringent Porous Silicon Layers", J. Appl. Phys. 90 7, 2001, pp. 3529-3532							No.			
		GA	O, J. et al., "Vapor Senso	ors Based on Option	cal Interferometry From Oxidized N 2002, pp. 2229-2233						
		GAO,	J. et al, "Porous-Silicon \	/apour Sensor Ba	sed on Laser Interferometry" Appl	Phys. Lett. Vol	. 77 n6, 20	00, pp. 901-9	903		
		EXA	MINER			DATE CONSIDERED					

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

							<u> </u>	<u> </u>		
		TION DISCLOS		ATTY. DOCKET NO. 044117-0143	1	SERIAL NO. 10/539,771				
				APPLICANT Eric PINET, et al.						
	(Sub:	stitute for form 1449/PTO)		FILING DATE January 10, 200						
		U	.S. PATEN	T DOCUMENTS						
EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code2 (If known)	Publication Date MM-DD-YYYY		s, Where Relevant ir					
		US								
		US				1	······································			
	·		FOREIGN PA	TENT DOCUMENTS		•				
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes - Number 4 - Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Colu Where R Figures	elevant	Transla Yes	tion No		
										
	4		•	or, Title, Date, Pertinent Pages, E	•					
EXAMINER'S INITIALS	CITE NO.	published.								
		CANHAM, L.T, "Properties of Porous Silicon", Canham L. Ed., EMIS Data reviews series No. 18, 1997, INSPEC publ 154-157								
		BJORKLUND, R.B., et al., "Color changes in thin porous silicon films caused by vapor exposure", Appl. Phys. Let. 69 1996, pp. 3001-3003								
		ZANGOOIE, S. et al., "Vapor sensitivity of thin porous silicon layers", Sensors and Actuators B 43, 1997, pp. 168-174. ZANGOOIE, S., et al., "Reversible and irreversible control of optical properties of porous silicon superlattices by thermal oxidation, vapour adsorption, and liquid penetration", J. Vac. Sci, Technol. A 16(5), 1998, pp. 2901-2912).								
		TAKAMORI, T., "Structural anisotropy and birefringence in microporous glasses", j. Am. Ceram. Soc. 61 No. 9-10, 1978, pp. 434-438.								
		RYOO, R. et al., "Optically tran	sparent, single-cry	stal-like oriented mesoporous silio 1997, pp. 10610-10613.	a films and pl	ates", J. Phy	s. Chem. B 101,			
		and pla	tes with uniform or	on-bonded interaction to obtain or ientation", Micro. Meso. Mat. 21,	1998, pp. 235	243.				
		TAKAMORI, T. et al. "Anomalous birefringence in oxide glasses" in "treatise on materials science and technology", Glass 1 vol. 12, 1997, pp. 123-155, Tomozawa M. & Doremus R.H. Eds., Academic Press N.Y.								
				geneities and light transmission",						
		ALTSHULER, G.B., et al., "Spatial dispersion of anisotropy of high-silica microporous glasses", Opt. Spektrosk. 63, 1987, 228-231.								
		ALTSHULER, G.B., et al., "Porous glass optics", J. Non-Cryst. Solids 123, 1990, pp. 266-270								
	BURKAT, T.M., et al., "Structural anisotropy and birefringence in porous glass plates", Fiz. Khim. Stekla 17 No. 5, 1991, pp. 781-790									
				Reversible Systems", H.R. Kruyt Ed., Elsevier Pub. Chap. XII § 6 "Sorption and swelling", pp. 512-580.						
				nt on the pore structure of porous glasses", Glass Technology Vo. 34, No. 5, 1993, pp. 206-209.						
		LORKOWSKI, H.J., et al., "Op	tical Polymers with	n special birefringent properties", F 7, 1996, pp. 501-506.	Polymers for A	dvanced Ted	chnologies Vol.			
		EXAMINER		DATE CONSIDERED						

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT									erial no. 0/539,771			
						APPLICANT Eric PINET, et al.						
(Substitute for form 1449/PTO)						FILING DATE GROUP 1797						
			U	.S. PATE	VΤ	DOCUMENTS						
EXAMINER'S INITIALS	CITE NO.	Document Number Publication Date Number-Kind Code _{2 (If known)} Publication Date				Name of Patentee or Appli Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear					
		US										
		US										
	_	US										
	 	US										
	<u> </u>	1 00		FOREIGN P	ATE	NT DOCUMENTS			L			
EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number 4-Kind Codes (if known) Publication Date MM-DD-YYYY				Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear			Tr Yes	anslation No	
					\Box							
			·····		\dashv							
	<u> </u>	<u> </u>	OTHER A	 RT (Including Aut	hor	Title, Date, Pertinent Pages, E	tc.)					
EXAMINER'S INITIALS	CITE NO.	journ publi	de name of the author (in last, serial, symposium, cata shed.	RS), page	title of the article (when approp (s), volume-issue number(s), p	oriate), titl ublisher, c	ity and	d/or countr	y where			
		LI, Y.Y., et al., "Polymer replicas of photonic porous silicon for sensing and drug delivery appl 2003, pp. 2045-2047.										
	;	BEOM-HOAN O et al., "Vapor Sensor Realized in an Ultracompact Polarization Interferometer Built of a Freestanding Porous-Silicon Form Birefringent Film", IEEE Photonics Technology Letters, IEEE Inc., New York, US, vol. 15, no. 6, June 2003 pp. 834-836, XP001175197										
		LIU R et al., "Novel Porous silicon vapor sensor based on polarization interferometry" Sensors and Actuators B, Elsevier Sequoia S.A., Lausanne, CH, vol. 87, no. 1, 15 November 2002, pp.58-62 XP 004391077										
		RONG LIU et al., "Porous silicon vapor sensor based on polarization interferometry" LEOS 2001. 14th Annual Meeting of the IEEE Lasers & Electro-Optics Society. San Diego, CA, Nov. 11-15, 2001, Annual Meeting of the IEEE Lasers and Electro-Optics Society, New York, NY: IEEE, US, vol. 1-2, pp.820-821, XP010566702										
		KOOYMAN R P H et al., "Optical fiber immunosensor based on polarimetry" Transducers. San Francisco, June 24-27, Proceedings of the International Conference on Solid State Sensors Andactuators, New York, IEEE, US, vol. Conf. 6 June 1991, pp. 376-377, XP010037367								ne 24-27, 19 ol. Conf. 6, 2	91,	
		HEI		Sensor for Biochemical Measurements" Sensors and Actuators B, Elsevier B12, no.3, 15 April 1993, pages 205-212, XP 000397509					vier			
		٧	ELDHUIS G J et al., "An ir	ntegrated optical I Bristol, GB, vol. 7	Brag 7, no	agg-reflector used as a chemo-optical sensor" Pure and Applied Optics, no. 1, 1998, pages L23-L26, XP 002087839						
		EX	AMINER		DATE CONSIDERED							

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.